

Please type a plus sign (+) inside this box → +

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>		
Sheet		1	of	3	<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; right: 0; transform: rotate(-15deg); font-weight: bold; font-size: 1.2em;">RECEIVED</div> <div style="position: absolute; bottom: 0; left: 0; transform: rotate(15deg); font-weight: bold; font-size: 1.2em;">MAY - 6 - 2002</div> </div>	
					Application Number	10/087,404
					Filing Date	Feb 26, 2002
					First Named Inventor	Kroll
					Group Art Unit	
					Examiner Name	
					Attorney Docket Number	SJ1-029US

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	
		Number	Kind Code <sup>2</sup> (if known)				
JRO		4,543,954		Cook et al.	10/01/1985		
		4,936,304		Kresh et al.	06/26/1990		
		5,199,428		Obel et al.	04/06/1993		
		5,203,326		Collins	04/20/1993		
		5,334,221		Bardy	08/02/1994		
		5,356,425		Bardy et al.	10/18/1994		
		5,507,784		Hill et al.	04/16/1996		
		5,522,854		Ideker et al.	06/04/1996		
		5,578,061		Stroetmann et al.	11/26/1996		
		5,700,282		Zabara	12/23/1997		
		5,928,272		Adkins et al.	07/27/1999		
		5,916,239		Geddes et al.	06/29/1999		
	V		6,073,048		Kieval et al.	06/06/2000	
			6,006,134		Hill et al.	12/21/1999	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Number <sup>4</sup>	Kind Code <sup>3</sup> (if known)				
JRO		WO 93/21824		Medtronic, Inc.	11/11/1993		

Examiner Signature		Date Considered	11/17/04
--------------------	--	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +



Substitute for form 1449B/PTO		Complete Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/087,404
		Filing Date	Feb 26, 2002
		First Named Inventor	Kroll
		Group Art Unit	
		Examiner Name	
		Attorney Docket Number	SJ1-029US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JPO		Fany A. Kralios, Luis Martin, Mary Jo Burgess & Kay Millar, "Local ventricular repolarization changes due to sympathetic nerve-branch stimulation," American Journal of Physiology, Vol. 228, No. 5, May 1975, pp. 1621-1626.	
JPO		Benjamin J. Scherlag, Ph.D., Wm. Yamanashi, Ph.D., Patrick Schauer, M.D., Michael A. Scherlag, M.D., Warren M. Jackman, M.D., & Ralph Lazzara, M.D., "Selective Sympathetic Control of Either Heart Rate or A-V Automaticity, Conduction and Ventricular Contractility Using Endovascular Stimulation," NASPE ABSTRACTS, PACE, Vol. 2, April 2000, Part II, p. 676.	
JPO		William P. Geis, B.S. & Michael P. Kaye, M.S., MD, "Distribution of Sympathetic Fibers in the Left Ventricular Epicardial Plexus of the Dog," Circulation Research, Vol. XXIII, No. 2, August 1968, pp 165-170.	
JPO		Hiroshi Inoue & Douglas P. Zipes, "Changes in Atrial and Ventricular Refractoriness and in Atrioventricular Nodal Conduction Produced by Combinations of Vagal and Sympathetic Stimulation That Result in a Constant Spontaneous Sinus Cycle Length," Circulation Research, Vol. 60, No. 6, June 1987, pp. 942-951.	
JPO		Koonlawee Nademanee, MD, Richard Taylor, MD, William E. Bailey, MD, Daniel E. Rieders, MD, Erol M. Kosar, MD, "Treating Electrical Storm Sympathetic Blockade Versus Advanced Cardiac Life Support-Guided Therapy," Circulation, August 15, 2000, pp. 742-747.	
JPO		Anil K. Bhandari, MD, Melvin M. Scheinman, MD, Fred Morady, MD, John Svinarich, MD, Jay Mason, MD & Roger Winkle, MD, "Efficacy of left cardiac sympathectomy in the treatment of patients with the long QT syndrome," Circulation, Vol. 70, No. 6, December 1984, pp. 1018-1023.	
JPO		G. Michael Vincent, MD, J.A. Abildskov, MD, M.J. Burgess, MD, Kay Millar, MD, "Autonomic Manipulation in the Inherited Long QT-Recurrent Syncope Syndromes," The American Journal of CARDIOLOGY, Vol. 33, January 1974, p. 174.	
JPO		Walter C. Randall, Mathias Szentivanyi, John B. Pace, James S. Wechsler & Michael P. Kaye, "Patterns of Sympathetic Nerve Projections onto the Canine Heart," Circulation Research, Vol. XXII, No. 3, March 1968, pp. 315-323.	
JPO		Frank Yanowitz, BA, James B. Preston, MD & J.A. Abildskov, MD, "Functional Distribution of Right and Left Stellate Innervation to the Ventricle: Production of Neurogenic Electrocardiographic Changes by Unilateral Alteration of Sympathetic Tone," Circulation Research, Vol. XVIII, April 1966, pp. 416-428.	
JPO		James B. Martins & Douglas P. Zipes, "Effects of Sympathetic and Vagal Nerves on Recovery Properties of the Endocardium and Epicardium of the Canine Left Ventricle," Circulation Research Vol. 46, No. 1, January 1980, pp. 100-110.	
JPO		Yrsa Bergmann Sverrisdottir, PhD, Bengt Rundqvist, MD, PhD, Gudmundur Johannsson, MD, PhD, Mikael Elam, MD, PhD, "Sympathetic Neural Burst Amplitude Distribution - A More Specific Indicator of Sympathoeccitation in Human Heart Failure," Circulation, October 24, 2000, pp. 2076-2081.	

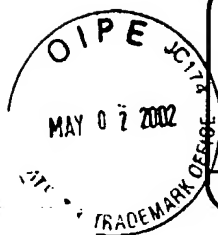
Examiner Signature	Date Considered	
Frances P. Owpfen	11/24/04	

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +



Substitute for form 1449B/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/087,494
		Filing Date	Feb 26, 2000
		First Named Inventor	Kroll
		Group Art Unit	
		Examiner Name	
		Attorney Docket Number	SJ1-029US
Sheet	3	of	3

RECEIVED  
MAY 6 2002  
BIOLOGY CENTER R3700

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JPO		Gregory W. Thompson, BSc, James M. Levett, MD, Scott M. Miller, MD, Michael R.S. Hill, PhD, William G. Melfert, MD, Ronald J. Kolata, DVM, Michael F. Clem, DVM, David A. Murphy, DVM, MD, & J. Andrew Armour, MD, PhD, "Bradycardia Induced by Intravascular Versus Direct Stimulation of the Vagus Nerve," 1998 The Society of Thoracic Surgeons, published by Elsevier Science Inc., pp. 637-642.	
JPO		I.M. Ali, MD, C.K. Butler, MD, J.A. Armour, MD, PhD, & D.A. Murphy, MD, "Modification of Supraventricular Tachyarrhythmias by Stimulating Atrial Neurons," 1990 by The Society of Thoracic Surgeons, pp. 251-256.	
JPO		Patrick Schauerte, MD, Benjamin J. Scherlag, PhD, FACC, Michael A. Scherlag, MD, Sunil Goli, MD, Warren M. Jackman, MD, FACC, Ralph Lazzara, MD, FACC, "Ventricular Rate Control During Atrial Fibrillation by Cardiac Parasympathetic Nerve Stimulation: A Transvenous Approach," Journal of the American College of Cardiology, Vol. 34, No. 7, 1999, pp. 2043-2050.	
JPO		Xiaohong Zhou, MD, Frank L. Vance IV, Anthony L. Sims, Catherine M. Sreenan, BS, Raymond E. Ideker, MD, PhD, "Prevention of High Incidence of Neurally Mediated Ventricular Arrhythmias by Afferent Nerve Stimulation in Dogs," Circulation, February 22, 2000 (American Heart Association, Inc.), pp. 819-824.	
JPO		Chuen-Wang Chiou, MD, John N. Eble, MD, Douglas P. Zipes, MD, "Efferent Vagal Innervation of the Canine Atria and Sinus and Atrioventricular Nodes - The Third Fat Pad," Circulation, Vol. 95, No. 11, June 3, 1997, pp. 2573-2584.	
JPO		Ralph Lazzara, Benjamin J. Scherlag, Morton J. Robinson, & Philip Samet, "Selective In Situ Parasympathetic Control of the Canine Sinoatrial and Atrioventricular Nodes," Circulation Research, Vol. XXXII, March 1973, pp. 393-401.	
JPO		Shih-Ann Chen, MD, Chern-En Chiang, MD, Ching-Tai Tai, MD, Zu-Chi Wen, MD, Shih-Huang Lee, MD, Chuen-Wang Chiou, MD, Yu-Ann Ding, MD & Mau-Song Chang, MD, "Intracardiac Stimulation of Human Parasympathetic Nerve Fibers Induces Negative Dromotropic Effects: Implication with the Lesions of Radiofrequency Catheter Ablation," Journal of Cardiovascular Electrophysiology, Vol. 9, No. 3, March 1998, pp. 245-252.	
JPO		Don W. Wallick & Paul J. Martin, "Separate parasympathetic control of heart rate and atrioventricular conduction of dogs," 1990 the American Physiological Society, pp. H536-H542.	
JPO		J.A. Abildskov, MD, "Adrenergic effects on the QT interval of the electrocardiogram," American Heart Journal, August, 1976, Vol. 92, No. 2, pp. 210-216.	

Examiner Signature <i>Francis P. Oropyn</i>	Date Considered <i>11/24/04</i>
---	---------------------------------

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.